

Curriculum Addendum

Class of 2009[†] Course Descriptions

First Year Fall Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8010	Anatomy, Physiology and Disease Processes I	5	4	2	-
8020	Geometric Optics	4	3	2	-
8030	Practice Management I	2	2	-	-
8040	Neuroanatomy	4	3	2	-
8060	Biochemistry	3	3	-	-
8350	Epidemiology	2	2	-	-

First Year Winter Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8110	Anatomy, Physiology and Disease Processes II	5	4	2	-
8120	Ocular Optics	4	3	2	-
8140	Physical Optics and Photometry	3	2	2	-
8160	Anatomy and Physiology of the Eye	4	3	2	-
8180	Clinical Optometry I	2	1	2	-

Second Year Fall Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8220	Ophthalmic Optics	4	3	2	-
8230	Practice Management II	2	1	2	-
8240	Ocular Motility	4	3	2	-
8250	Monocular Sensory Processes	5	4	2	-
8260	Foundations of Ocular and Systemic Disease and Management I	3	3	-	-
8280	Clinical Optometry II	5	3	4	-

Second Year Winter Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8320	Ophthalmic Dispensing	1	-	2	-
8340	Binocular Vision and Space Perception	4	3	2	-
8370	Foundations of Ocular and Systemic Disease and Management II	7	6	2	-
8380	Clinical Optometry III	5	3	4	-
8560	Public Health	2	2	-	-

Third Year Fall Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8500	General Clinic I	6	-	-	12
8520	Contact Lenses I	3	2	2	-
8540	Binocular Vision Anomalies	4	3	2	-
8550	Low Vision	3	2	2	-
8570	Advanced Topics In Ocular and Systemic Disease Management	6	5	2	-

Third Year Winter Semester		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8600	General Clinic II	6	-	-	12
8610	Environmental Vision	2	2	-	-
8620	Contact Lenses II	3	3	-	-
8630	Practice Management III	3	3	-	-
8640	Pediatric Optometry	3	3	-	-
8650	Geriatric Optometry	2	2	-	-
8660	Contact Lens Specialty Clinic	1	-	-	2
8670	Ocular Assessment	1	1	-	-
8680	Ophthalmic Lasers	1	1	-	-
8690	Pediatric /Binocular Vision Specialty Clinic I	1	-	-	2

Fourth Year Category 1 UM-St. Louis		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
<i>Note: Must enroll in 8700, 8710, and 8720 concurrently.</i>					
8700	UM-St. Louis Pediatric/ Binocular Vision Patient Care	3	-	-	6
8710	UM-St. Louis Contact Lens Patient Care	3	-	-	6
8720	UM-St. Louis Eye Health Management Patient Care	1	-	-	2

Fourth Year Category 2 Institutional		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8780	External Rotation in Institutional Patient Care	7	-	-	14

Fourth Year Category 3 Ocular Disease		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8790	External Rotation in Ocular Disease Patient Care	7	-	-	14

Fourth Year Category 4 Intern		Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
<i>Note: Must enroll in 8730 and 8740 concurrently.</i>					
<i>Note: Must enroll in 8750 and 8860 concurrently.</i>					
8730	Optometric Center Patient Care	6	-	-	12
8740	Optometric Center Eye Health Management Patient Care	1	-	-	2
8750	East St. Louis Patient Care	6	-	-	12
8760	Harvester Eye Center Patient Care	7	-	-	14
8770	Community Service in Rotation in Patient Care	7	-	-	14
8860	East St. Louis Eye Health Management Patient Care	1	-	-	2

[†] Due to advances in the optometric profession, sequencing of courses may change. The courses listed above are subject to change through normal academic procedures. This addendum lists curriculum changes that may affect your program sequencing.

[†] Every two (2) lab hours and every two (2) clinic hours is equivalent to one (1) credit hour.

Fourth Year Category 5 Specialty		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
8800	External Rotation in Pediatric/Binocular Vision Patient Care	7	-	-	14
8810	External Rotation in Contact Lens Patient Care	7	-	-	14
8811	External Rotation in Ophthalmic Surgical Care	7	-	-	14
8812	External Rotation in Geriatric Patient Care	7	-	-	14
8813	External Rotation in Ophthalmic Sports Vision	7	-	-	14
8814	External Rotation in Primary Care	7	-	-	14
8815	External Rotation in Pathology and Treatment	7	-	-	14
8816	External Rotation in Ophthalmic Laser Treatment	7	-	-	14
8817	External Rotation in Rehabilitative Patient Care	7	-	-	14
8820	External Rotation in Low Vision Patient Care	7	-	-	14

Fourth Year Category 6 Elective		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
8830	External Rotation in General Patient Care	7	-	-	14
8840	External Supplementary Rotation in General Patient Care	7	-	-	14
8850	Supplementary Rotation in General Patient Care	7	-	-	14

Fourth Year Required Courses		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
8870	Practice Management IV	2	2	-	-
8880	Clinic Seminar	1	1	-	-

Elective Courses in the College of Optometry

8400	Directed Readings
8410	Directed Research
8420	Ocular Photography
8440	Clinical Applications of Current Topics in Visual Science
8470	Case Studies in Ocular Disease

Graduate Vision Science Courses Approved for Elective Credit*

6400	Sensory Processes and Perception
6401	Visual Optics
6402	Ocular Anatomy and Physiology
6403	Psychophysical Methods and Experimental Design
6404	Sensory Neuroscience
6405	Neuroanatomy
6406	Geometric Optics
6451	Corneal Physiology
6452	Growth and Development of the Visual System
6453	Advanced Physiology of Other Sensory Systems
6454	Binocular Vision
6455	Visual Information Processing
6456	Oculomotor Systems
6457	Comparative and Evolutionary Aspects of Vision
6458	Noninvasive Assessment of the Visual System
6459	Introduction to Computer Programming for Vision Research
6470	Individual Studies in Vision Science
6490	Graduate Research in Vision Science
6497	Interdisciplinary Geriatric Care
6499	Current Topics in Optometry and Vision Science